WHAT IS CLAIMED IS:

1. A pneumatic tire comprising a thin film layer of a width of 20 to 100 mm and a thickness of 0.5 to 5 mm formed on the buttress of said tire;

wherein said thin film layer comprises a rubber composition containing 100 parts by weight of diene rubber and 0.5 to 10 parts by weight of a compound, which is in a solid state at a temperature of 40°C or lower and is obtained by adsorbing N-(1-methylheptyl)-N'-phenyl-p-phenylenediamine to silica.

- 2. The pneumatic tire of Claim 1, wherein said rubber composition contains 0.3 to 1.5 parts by weight of sulfur based on 100 parts by weight of diene rubber.
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3. The pneumatic tire of Claim 1 or 2, wherein said diene rubber comprises 50 to 80 % by weight of butadiene rubber and 20 to 40 % by weight of natural rubber and/or isoprene rubber.